



Atty Dkt No. 9400-0006
PXE-006.US

COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

FORM PTO-1449 (Modified)
LIST OF PATENTS AND PUBLICATIONS
FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)
Sheet 2 of 3

In the Application of FRANCIS et al.

Serial No.: 09/657,289

Art Unit: 1645

Filed: September 7, 2000

Examiner: Unassigned

Title: LUCIFERASE EXPRESSION CASSETTES AND METHODS

<u>ED</u>	AM-1	EP 0 639 641 A	February 22, 1995	EPO	-	-	
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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Exam. Init.	Ref. Desig.	Description
<u>ED</u>	AN-1	Hahn, T., et al., "Construction and Analysis of Modified Tn4001 Conferring Chloramphenicol Resistance in Mycoplasma Pneumoniae," <i>Plasmid</i> <u>41</u> :120-124 (1999)
<u>ED</u>	AO-1	Jacobs et al., "Highly Bioluminescent <i>Bacillus Subtilis</i> Obtained Through High-level Expression of a <i>luxAB</i> Fusion Gene," <i>Mol. Gen. Genet.</i> <u>230</u> :251-256 (1991)
<u>ED</u>	AP-1	Phillips-Jones, M.K. "Bioluminescence (<i>lux</i>) Expression in the Anaerobe <i>Clostridium Perfringens</i> ," <i>FEMS Microbiology Letters</i> <u>106</u> :265-270 (1993)
<u>ED</u>	AQ-1	Loimaranta, et al., "Generation of Bioluminescent <i>Streptococcus mutans</i> and Its Usage in Rapid Analysis of the Efficacy of Antimicrobial Compounds" <i>Antimicrobial Agents and Chemotherapy</i> <u>42</u> (8):1906-1910 (1998)
<u>ED</u>	AR-1	Meighen, E.A., "Bacterial Bioluminescence: Organization, Regulation, and Application of the <i>lux</i> Genes," <i>BASEB Journal</i> <u>7</u> (11):1016-1022 (1993)
<u>ED</u>	AS-1	O'Connell, K.P., et al., "Identification of Cold Shock Gene Loci in <i>Sinorhizobium meliloti</i> by Using a <i>luxAB</i> Reporter Transposon," <i>Appl. Environ. Microbiol.</i> <u>66</u> (1):401-405 (2000)
<u>ED</u>	AT-1	Roy, G., et al., "Episomal and Stable Expression of the Luciferase Reporter Gene for Quantifying <i>Leishmania</i> spp. Infections in Macrophages and in Animal Models," <i>Molecular and Biochemical Parasitology</i> <u>110</u> :195-206 (2000)

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Date Considered:

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Serial No.: 09/657,289

1652
Art Unit: 1645

Filed: September 7, 2000

Examiner: Unassigned

Title: LUCIFERASE EXPRESSION CASSETTES AND METHODS

U.S. PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Date	Name	Class	Sub Class	Filing Date
<i>SD</i>	AA-1	5,650,135	July 22, 1997	Contag et al.	<i>424</i>	<i>9.1</i>	
<i>SD</i>	AB-1	6,020,121	February 1, 2000	Bao et al.	<i>435</i>	<i>4</i>	
<i>SD</i>	AC-11	6,217,847	April 17, 2000	Contag et al.	<i>424</i>	<i>9.1</i>	

FOREIGN PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Publication Date	Country or Patent Office	Class	Sub Class	Translation YES NO
<i>SD</i>	AD-1	WO 96/40979 A1	December 19, 1996	PCT			
<i>SD</i>	AE-1	WO 97/11690 A2,3	April 3, 1997	PCT			
<i>SD</i>	AF-1	WO 97/18841	May 29, 1997	PCT			
<i>SD</i>	AG-1	WO 97/40381 S1	October 30, 1997	PCT			
<i>SD</i>	AH-1	WO 99/14311	March 25, 1999	PCT			
<i>SD</i>	AI-1	WO 00/36106	June 22, 2000	PCT			
<i>SD</i>	AJ-1	WO 01/18195 A2	March 15, 2001	PCT			
<i>SD</i>	AK-1	WO 01/18225 A1	March 15, 2001	PCT			
<i>SD</i>	AL-1	WO 01/37195 A2	May 25, 2001	PCT			

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Date Considered:

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Title: LUCIFERASE EXPRESSION CASSETTES AND METHODS

Exam. Init.	Ref. Desig.	Description
<u>21</u>	AU-1	Sibakov, M., et al., "Secretion of TEM β -Lactamase with Signal Sequences Isolated from the Chromosome of <i>Lactococcus lactis</i> subsp. <i>lactis</i> ," <i>Appl. Environ. Microbiology</i> <u>57</u> (2):341-348 (1991)
<u>21</u>	AV-1	Sohaskey et al., "Construction and Application of Plasmid-and Transposon-Based Promoter-Probe Vectors for <i>Streptomyces</i> ssp. That Employ a <i>Vibrio harveyi</i> Luciferase Reporter Cassette," <i>Journal of Bacteriology</i> <u>174</u> (2):367-376 (1992)
<u>21</u>	AW-1	Steidler, et al., "The Expression of <i>Photinus pyralis</i> Luciferase Gene in <i>Staphylococcus aureus</i> Cowan I allows the Development of a Live Amplifiable Tool for Immunodetection" <i>Applied and Environmental Microbiology</i> <u>62</u> (7):2356-2359 (1996)
<u>21</u>	AX-1	Steinmann, et al., "Saturation Mutagenesis in <i>Escherichia coli</i> of a Cloned <i>Xanthomonas campestris</i> DNA Fragment with the <i>lux</i> Transposon Tn4431 Using the Delivery Plasmid pDS1, Thermosensitive in Replication," <i>Appl. Microbiol. Biotechnol.</i> <u>40</u> :356-360 (1993)
<u>21</u>	AY-1	Ulitzur, S., J. "Established Technologies and New Approaches in Applying Luminous Bacteria for Analytical Purposes," <i>Biolumin Chemilumin.</i> <u>12</u> :179-92 (1997)
<u>21</u>	AZ-1	Zhang et al., "Bioluminescence for Biological Sensing in Living Mammals," <i>Oxygen Transport to Tissue XXI</i> , edited by Eke and Delpy. Kluwer Academic/Plenum Publishers, New York, (1999)

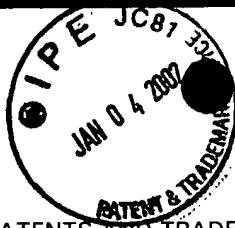
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Date Considered:

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Title: LUCIFERASE EXPRESSION CASSETTES AND METHODS

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U.S. PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Date	Name	Class	Sub Class	Filing Date
	AA-2						

FOREIGN PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Publication Date	Country or Patent Office	Class	Sub Class	Translation YES NO
	AB-2						

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Exam. Init.	Ref. Desig.	Description
<i>EJ</i>	AC-2	Beyer and Böhm, "Labeling <i>Salmonella</i> Live Vaccine Strains with the lux Operon from <i>Vibrio Fischeri</i> Improves Their Detection and Discrimination from Wild Type," <i>Microbiol. Res.</i> <u>151</u> :407-419 (1996)
<i>EJ</i>	AD-2	Meighn, E. A., "Genetics of Bacterial Bioluminescence," <i>Annu. Rev. Genet.</i> <u>28</u> :117-139 (1994)
<i>EJ</i>	AE-1	Sohaskey et al., "Tn456 and Luciferase: Synergistic Tools for Visualizing Transcription in <i>Streptomyces</i> ," <i>Gene</i> <u>115</u> :67-71 (1992)

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L. S.

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Sheet 1 of 2

COPY OF PAPERS
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In the Application of FRANCIS et al.

Serial No.: 09/657,289

Art Unit: 1652

Filed: September 7, 2000

Examiner: E. Slobodyansky

Title: LUCIFERASE EXPRESSION CASSETTES AND METHODS

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MAR - 5 2002

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U.S. PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Date	Name	Class	Sub Class	Filing Date
ES	AA-3	5,900,362	May 4, 1999	Eberz et al.	435	37	

FOREIGN PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Publication Date	Country or Patent Office	Class	Sub Class	Translation YES NO
ES	AB-3	WO 90/04041	April 19, 1990	PCT	—	—	
ES	AC-3	WO 93/16172	August 19, 1993	PCT	—	—	
ES	AD-3	EP 1 016419 A2	July 5, 2000	EPO	—	—	
ES	AE-3	2 693 475	January 14, 1994	France	—	—	✓

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Exam. Init.	Ref. Desig.	Description
ES	AF-3	Bianchi et al., "Stress Responses as a Tool to Detect and Characterize the Mode of Action of Antibacterial Agents," <i>Applied and Environmental Microbiology</i> 65(11):5023-5027 (1999)
ES	AG-3	Francis et al., "Monitoring Bioluminescent Staphylococcus Aureus Infections in Living Mice Using a Novel LuxABCDE Construct," <i>Infection and Immunity</i> 68(6):3594-3600 (2000)

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Title: LUCIFERASE EXPRESSION CASSETTES AND METHODS

Exam. Init.	Ref. Desig.	Description
QJ	AH-3	Kozlowski et al., "Vectors Permitting Visual Monitoring of Simple Transposition Events," <i>Gene</i> <u>80</u> (2):217-225 (1989)
QJ	AI-3	Lingnau et al., "Expression of the Listeria <i>Monocytogenes</i> EGD <i>inlA</i> and <i>inlB</i> Genes, Whose Products Mediate Bacterial Entry into Tissue Culture Cell Lines, by PrfA-Dependent and -Independent Mechanisms," <i>Infection and Immunity</i> <u>63</u> (10):3896-3903 (1995)
QJ	AJ-3	Loessner et al., "Structural Proteins and DNA Characteristics of 14 <i>Listeria</i> Typing Bacteriophages," <i>Journal of General Virology</i> <u>75</u> :701-710 (1994)
QJ	AK-3	Loessner and Scherer, "Organization and Transcriptional Analysis of the <i>Listeria</i> Phage A511 Late Gene Region Comprising the Major Capsid and Tail Sheath Protein Genes <i>cps</i> and <i>tsh</i> ," <i>Journal of Bacteriology</i> <u>177</u> (22):6601-6609 (1995)
QJ	AL-3	Lunsford, Dwayne R., "A Tn4001 Delivery System for <i>Streptococcus Gordonii</i> , (Challis)" <i>Plasmid</i> <u>33</u> (2):153-157 (1995)

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